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Jul 18, 1978

DERWENT-ACC-NO: 1979-46817B

DERWENT-WEEK: 197925

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TITLE: Di:alkyl-4-hydroxyphenyl-phosphine oxide intermediates prepn. - by reacting corresp. 4-chlorophenyl derivs. with sodium methylate in methanol at elevated temp. and pressure

INVENTOR: KORMACHEV, V V; SOLODOVA, K V; VASILEVA, T V

PATENT-ASSIGNEE:

ASSIGNEE

CODE

UNIV CHUVASH

UYCH

PRIORITY-DATA: 1976SU-2380598 (July 6, 1976)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

SU 620491 A

July 18, 1978

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NO
IMAGE

INT-CL (IPC): C07F 9/53

ABSTRACTED-PUB-NO: SU 620491A

BASIC-ABSTRACT:

Dialkyl-4-hydroxy-phenyl-phosphine oxides are of formula (I) where R is alkyl gp. These cpds. are intermediates for the mfr. of heat and fire-resistant colouring materials, complexing agents, biologically active cpds. or fire- and heat-resistant phosphorylated phenol-formaldehyde resins. Cpds. (I) are prepd. in higher yield by reacting dialkyl-4-chlorophenyl-phosphine oxide with sodium methylate (II) in methanol at 150-170 degrees C in a sealed vessel.

TITLE-TERMS: DI ALKYL HYDROXYPHENYL PHOSPHINE OXIDE INTERMEDIATE PREPARATION REACT
CORRESPOND CHLOROPHENYL DERIVATIVE SODIUM METHYLATE METHANOL ELEVATE TEMPERATURE
PRESSURE

DERWENT-CLASS: A41 C01 E11

CPI-CODES: A05-C03; A06-B; A09-A01; A09-A01A; C05-B01F; E05-G02;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

H4	M282	M210	M211	M212	M213	M214	M215	M216	M220
M221	M222	M223	M224	M225	M226	M231	M232	M233	M250
M311	M312	M313	M314	M315	M316	M320	B720	B815	B819